



FEMA

FEMA Region 6 Hurricane Fact Sheet

Produced by the Mitigation Division
Hurricane Program



Region 6

2009 Atlantic Hurricane Names

| | | |
|-----------|----------|--------|
| Ana | Henri | Odette |
| Bill | Ida | Peter |
| Claudette | Joaquin | Rose |
| Danny | Kate | Sam |
| Erika | Larry | Teresa |
| Fred | Mindy | Victor |
| Grace | Nicholas | Wanda |

Definitions

Hurricane: Tropical cyclone with maximum sustained winds of 74 mph or greater.

Hurricane Season: June - November with a peak period of Mid-August thru Mid-October.

Hurricane Warning: Warning by the National Hurricane Center that hurricane sustained winds of 74 mph or higher are expected in a specified coastal area in 24 hours or less.

Hurricane Watch: Announcement by the National Hurricane Center for a specific coastal area that a hurricane conditions pose a possible threat, generally within 36 hours.

Tropical Depression: Tropical cyclone with maximum sustained winds of 38 mph or less.

Tropical Disturbance: Tropical, non-frontal weather system maintaining its identity for 24 hours or more.

Tropical Storm: A named tropical cyclone with maximum sustained winds of 39-73 mph.

Tropical Wave: A trough of low pressure in the trade-wind easterlies of the Atlantic Ocean.

Klotzbach-Gray Hurricane Forecast 04/2008

| | | |
|----|------------------|--------------|
| 12 | Named Storms | (10 average) |
| 6 | Hurricanes | (6 average) |
| 2 | Major Hurricanes | (2 average) |

Hurricane History

Louisiana Average Landfall Activity:

Hurricane: every 4 years
Intense hurricane: every 8 years
Last Direct: Hurricane Gustav 2008 (CAT 2)
National Rank of Landfalling Hurricanes: #3

Texas Average Landfall Activity:

Hurricane: every 3 years
Intense Hurricane: every 6 years
Last Direct: Hurricane Ike 2008 (CAT 2)
National Rank of Landfalling Hurricanes: #2

30% of all landfalling US hurricanes occur in Region 6

Useful Web Sites

FEMA: www.fema.gov/hazard/hurricane/index.shtm

National Hurricane Center: www.nhc.noaa.gov

Hurricane Awareness Wk: www.nhc.noaa.gov/HAW2/

Saffir-Simpson Hurricane Scale

| Category | | Sustained Winds | | Damage | Landfall Examples |
|----------|---|-----------------|---------|--------------|------------------------|
| | | MPH | Knots | | |
| 1 | | 74-95 | 64-82 | Minimal | Lili – 2002 (LA) |
| 2 | | 96-110 | 83-95 | Moderate | Ike – 2008 (TX) |
| MAJOR | 3 | 111-130 | 96-113 | Extensive | Katrina – 2005 (LA-MS) |
| | 4 | 131-155 | 114-134 | Extreme | Audrey – 1957 (TX-LA) |
| | 5 | >155 | >135 | Catastrophic | Andrew – 1992 (FL) |